



**480-VOLT SECONDARY POWER DISTRIBUTION  
IN THE NEUTRINO AREA**

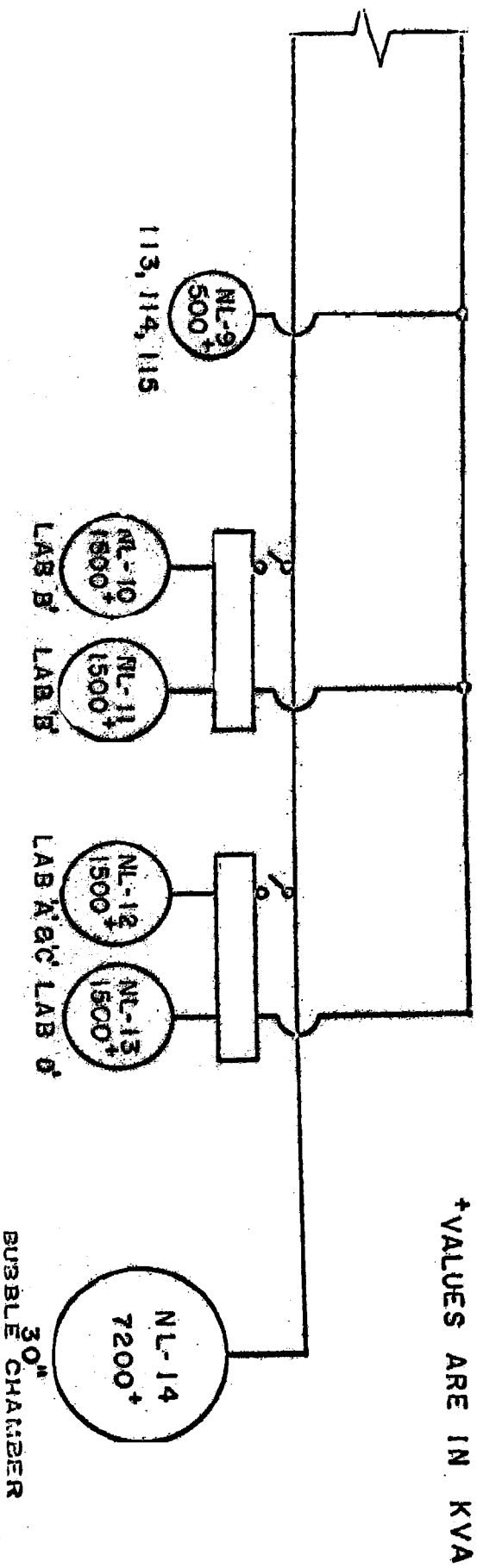
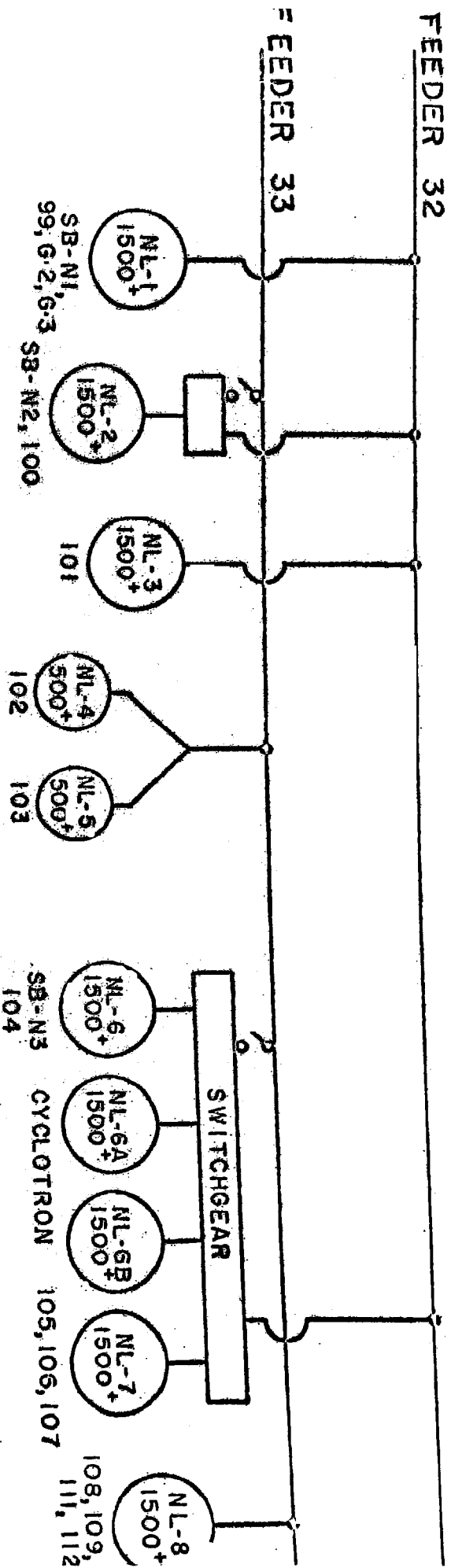
**T.E.Toohig**

**September 28, 1973**

The 13.8kV primary power distribution in the Neutrino Area with associated loads is detailed in TM-296. Figure 1 is taken from TM-296 for reference.

The attached one-line diagrams detail the secondary power distribution from the substations as taken from the latest available construction drawings.

The panel designations above the boxes in the diagrams are serial construction designations. Those below the boxes are proposed Neutrino Area address-type designations based on location, voltage and source of feed.



NEUTRINO LABORATORY 13.8 KV FEEDER AND SUBSTATIONS

Figure 1



# ENGINEERING NOTE

**SUBJECT**

## POWER DISTRIBUTION

SUBSTATION NL-1: Service Bldg N-1, Newhall

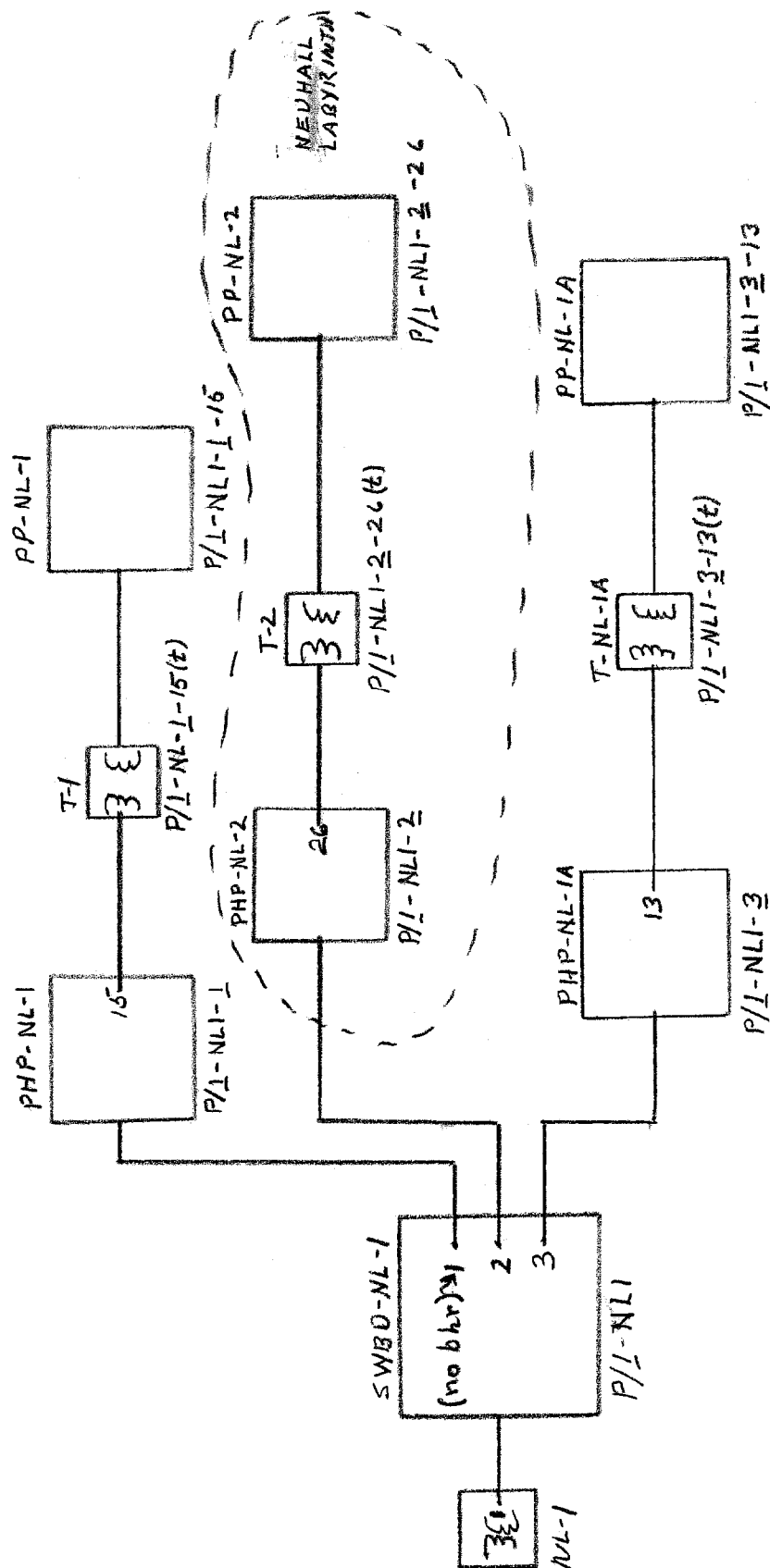
NAME

T. E. Toohey

DATE \_\_\_\_\_

9/20/73

REVISION DATE





# ENGINEERING NOTE

4

TM-444

SUBJECT

POWER DISTRIBUTION  
SUBSTATION NL-2, SERVICE BLDG. N-2

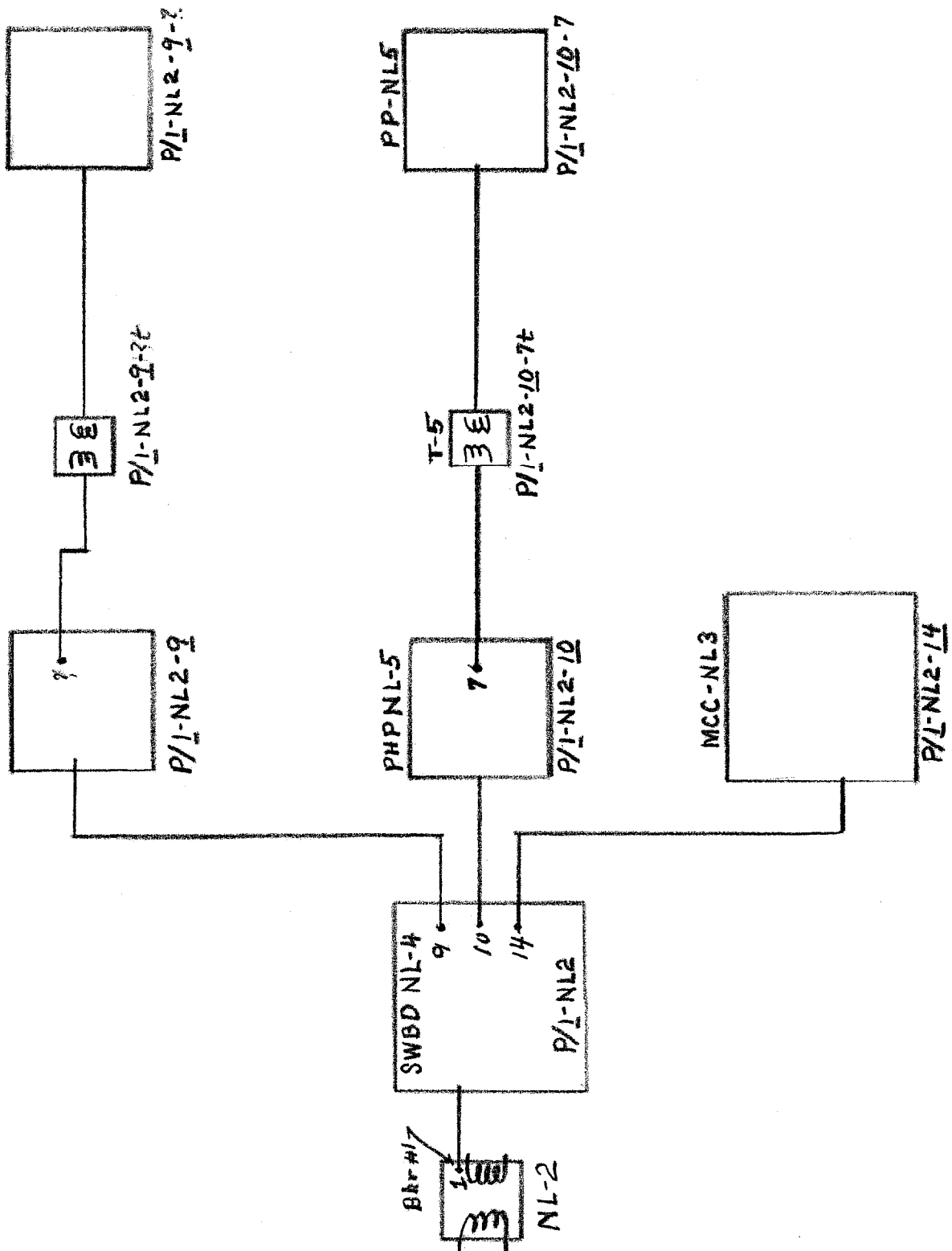
NAME

T. E. Toohig

DATE

9/7/73

REVISION DATE





# ENGINEERING NOTE

5

TM-444

SUBJECT

POWER DISTRIBUTION  
SUBSTATION NL-3, ENCLOSURE 101

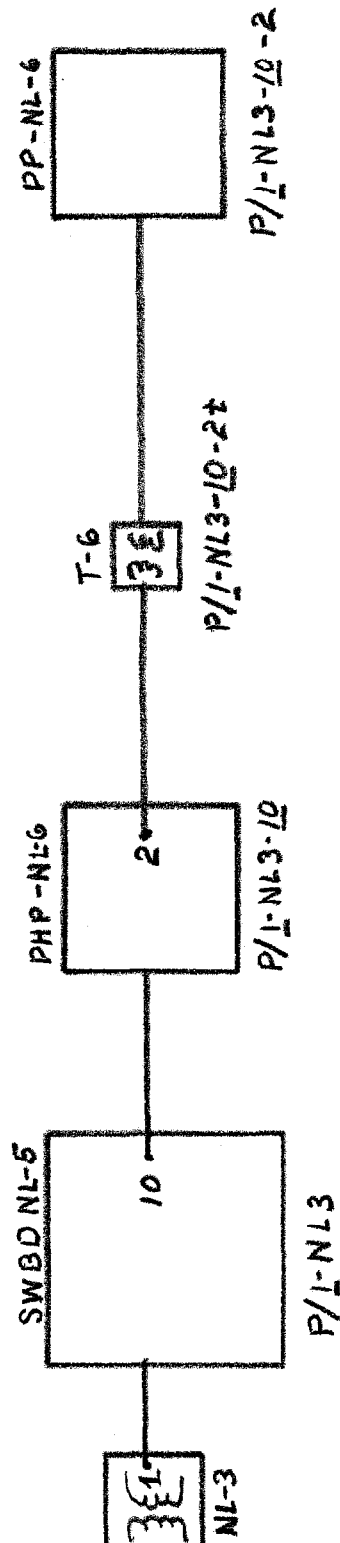
NAME

T.E. TOOTHIG

DATE

9/7/73

REVISION DATE





# ENGINEERING NOTE

⑥

TM-444

SUBJECT

POWER DISTRIBUTION

SUBSTATION NL-4, ENCLOSURE 102

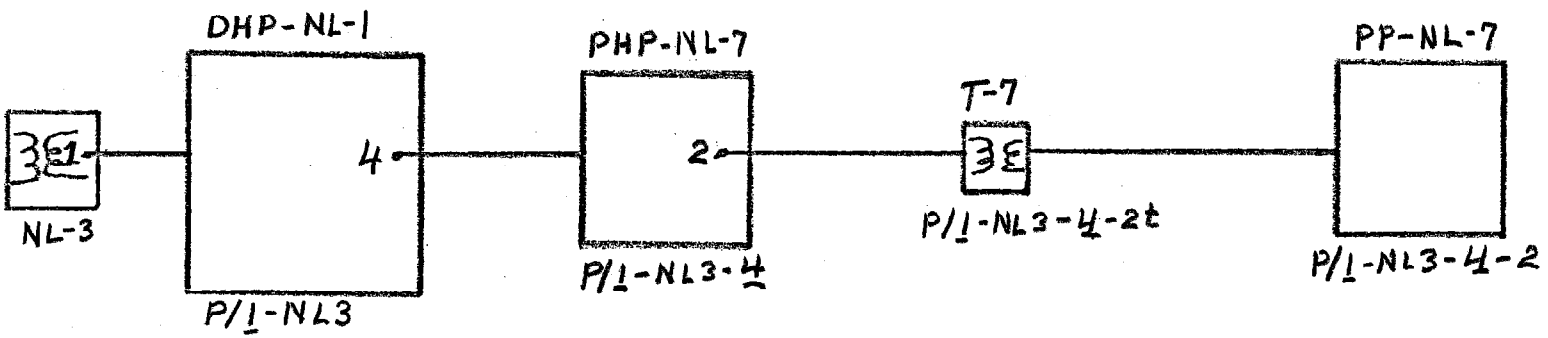
NAME

T.E. TOOHIK

DATE

9/7/73

REVISION DATE





# ENGINEERING NOTE

SUBJECT

POWER DISTRIBUTION  
SUBSTATION NL-5, ENCLOSURE 103

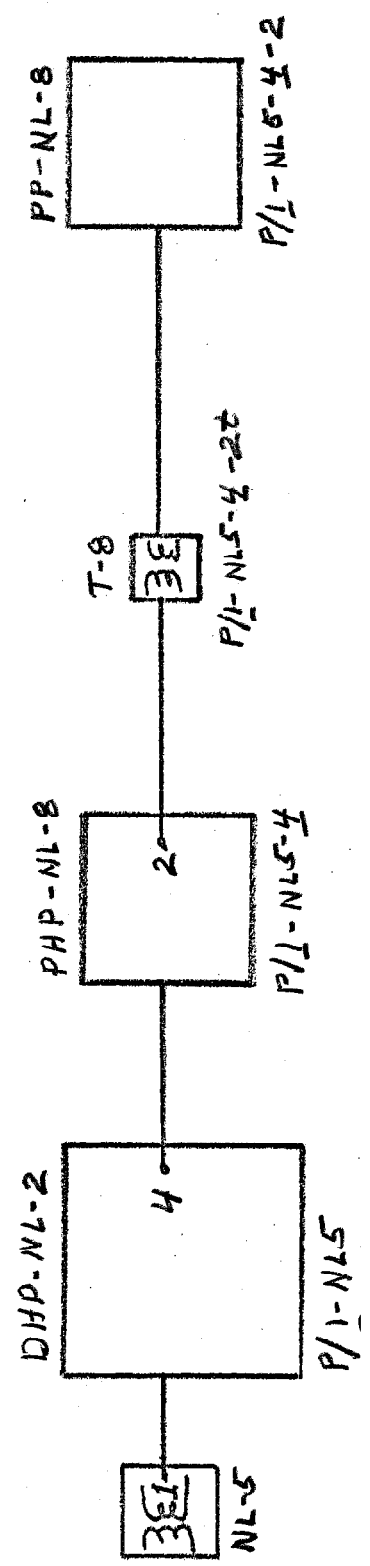
NAME

T. E. TOOHIG

DATE

9/7/73

REVISION DATE





# ENGINEERING NOTE

8

TM-444

SUBJECT

POWER DISTRIBUTION

SUBSTATION NL-6 : SERVICE BLDG N-3, 104, MVLAB

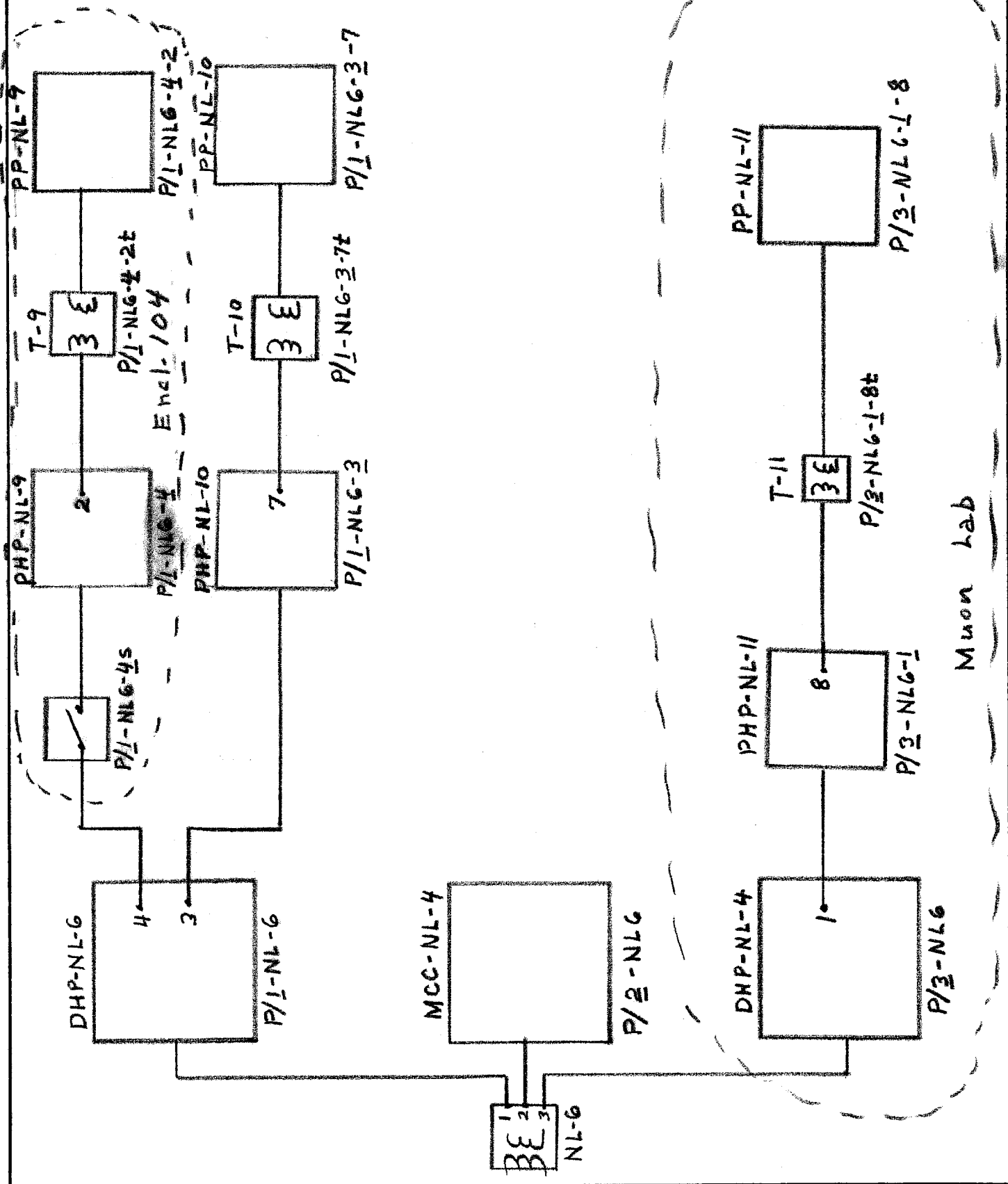
NAME

T. E. Toohig

DATE

9/10/73

REVISION DATE







# ENGINEERING NOTE

9

2

TM-444

SUBJECT

POWER DISTRIBUTION  
SUBSTATIONS NLGA, NLGB: Nuon Laboratory

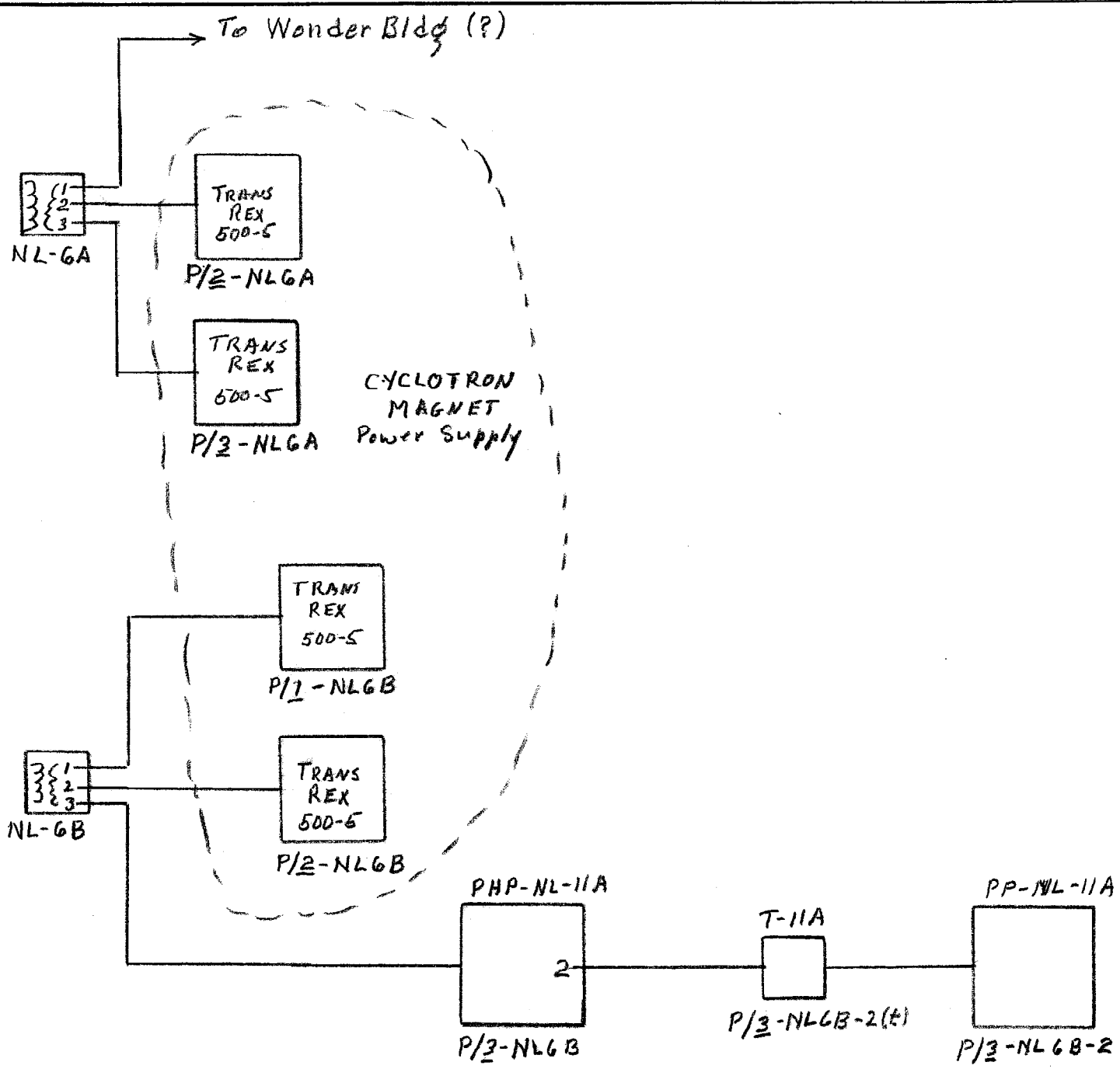
NAME

T.E. Toohig

DATE

9/20/73

REVISION DATE





# ENGINEERING NOTE

10

TM-444

SUBJECT

POWER DISTRIBUTION

SUBSTATION NL-7: Encl. 105, 106, 107

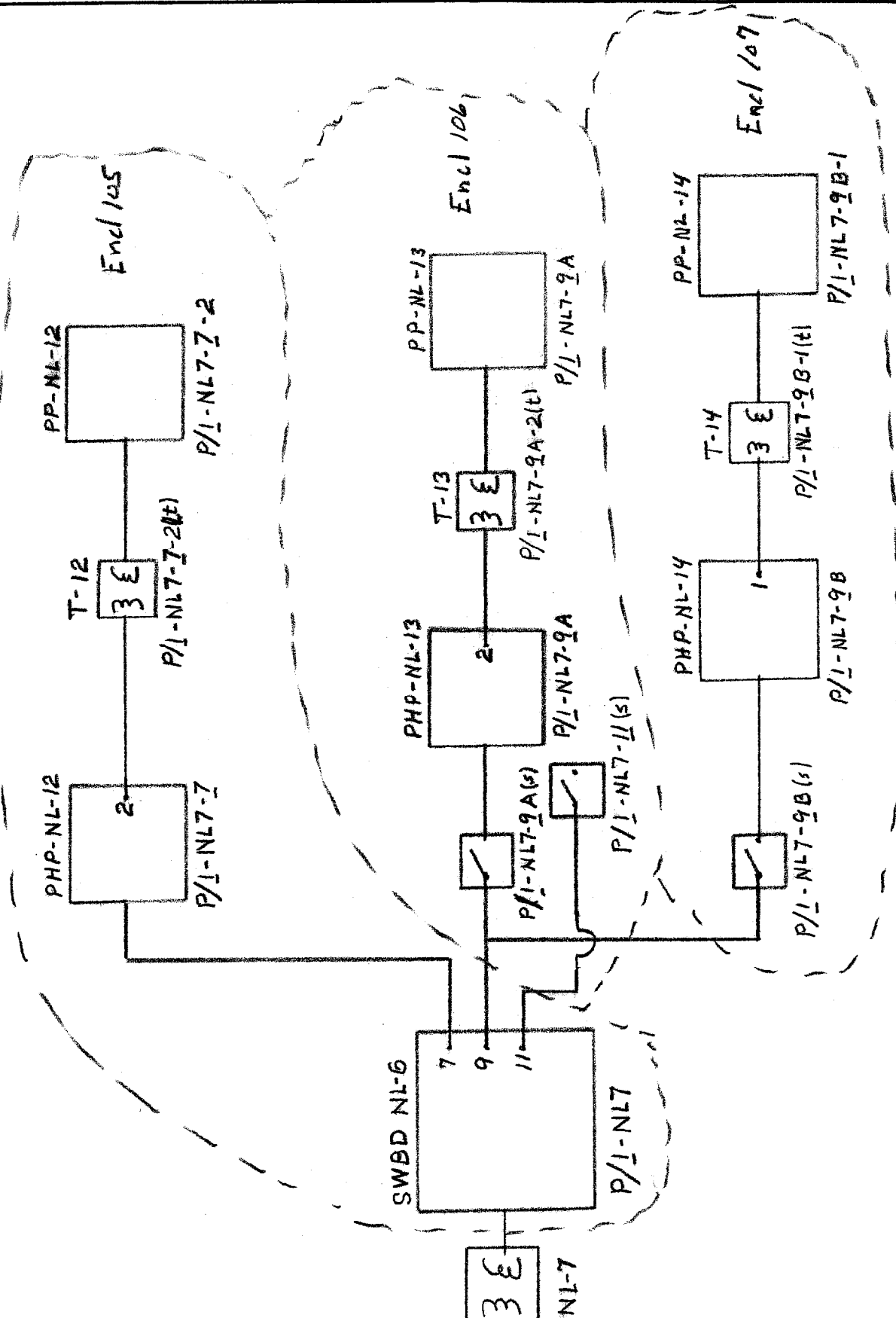
NAME

T. E. TOOHIG

DATE

9/19/73

REVISION DATE





# ENGINEERING NOTE

**SUBJECT**

## Power Distribution

Substation AL-8; Encl. 108, 109, 110, 111, 112

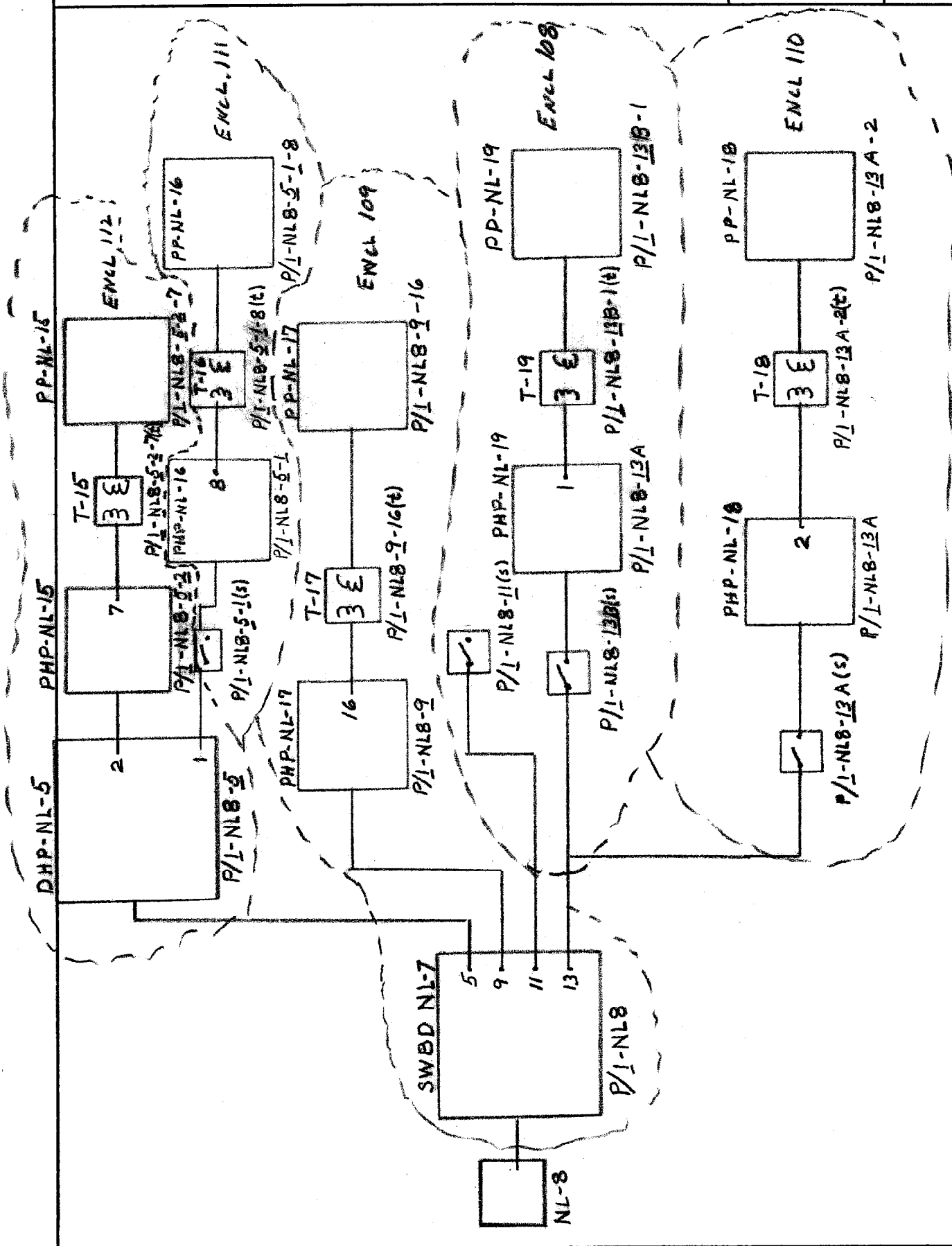
NAME

T. E. TONNIE

DATE \_\_\_\_\_

9/18/73

REVISION DATE





# ENGINEERING NOTE

12

TM-444

SUBJECT

POWER DISTRIBUTION

SUBSTATION NL-9: Encl. 113, 114, 115

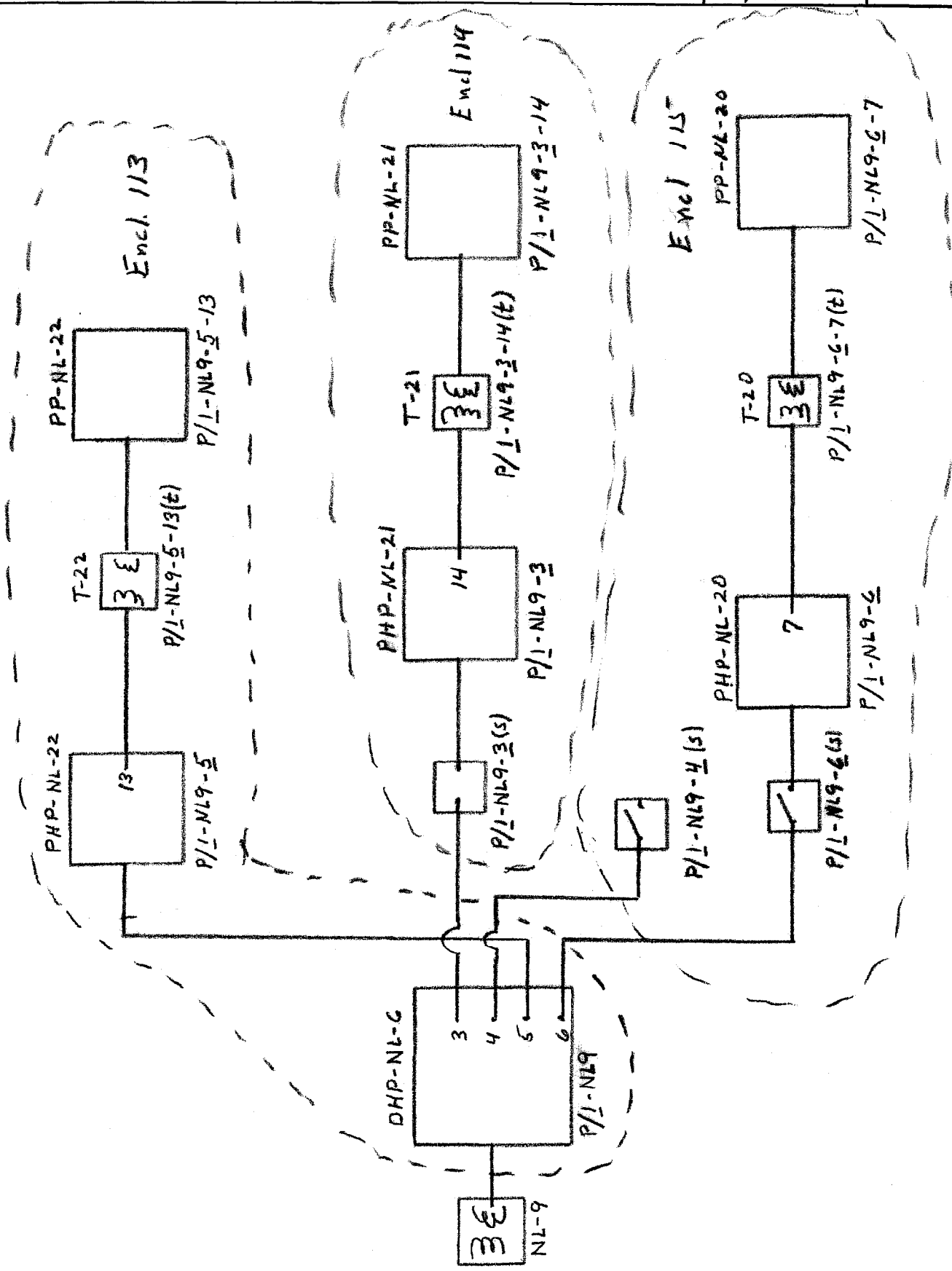
NAME

T. E. TOOHIG

DATE

9/19/73

REVISION DATE





# ENGINEERING NOTE

13

TM-444

SUBJECT

POWER DISTRIBUTION

Substation NL-10: Lab B, Compressor Bldg.

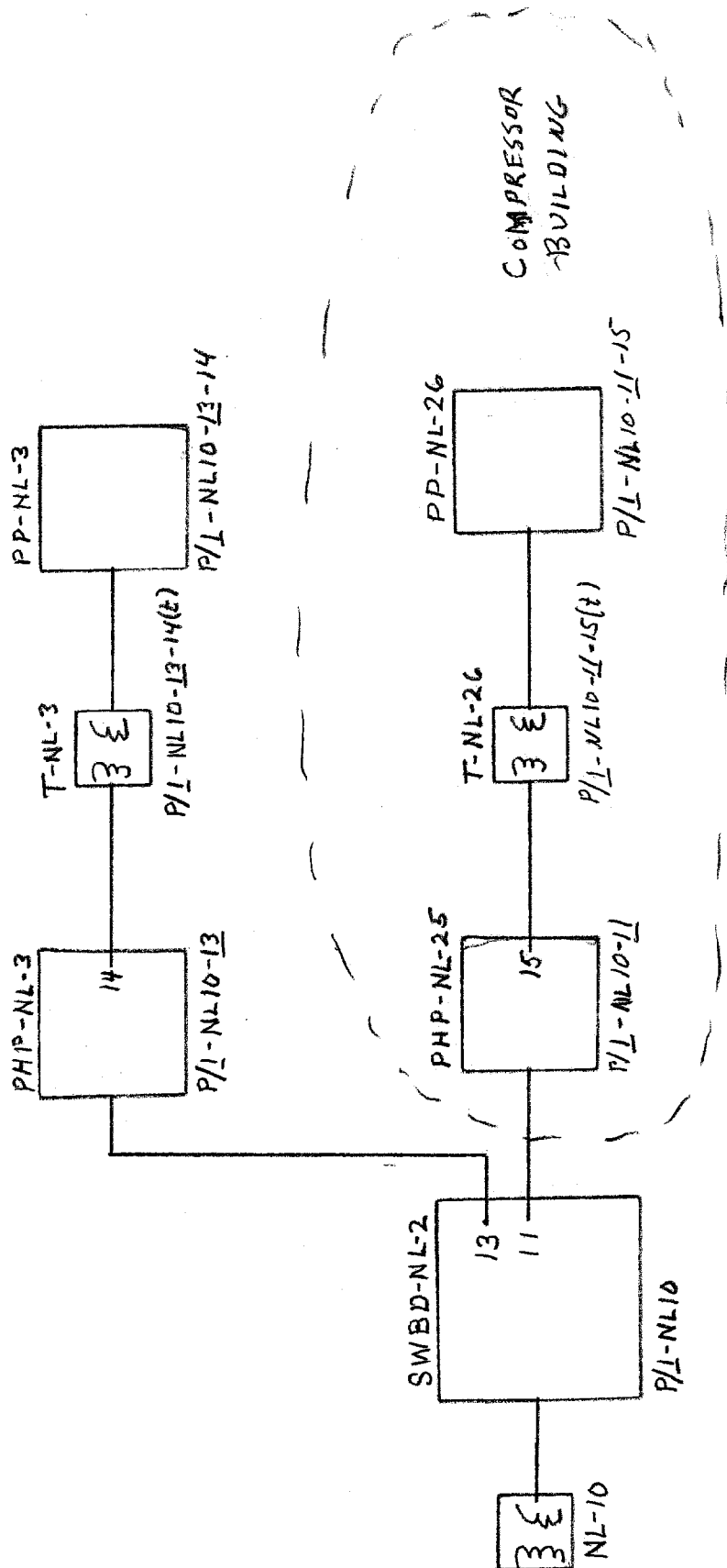
NAME

T.E. Toohig

DATE

9/25/73

REVISION DATE





# ENGINEERING NOTE

4

2

TM-444

SUBJECT

POWER DISTRIBUTION

Substation NL-11: Lab "B", Lab "A"

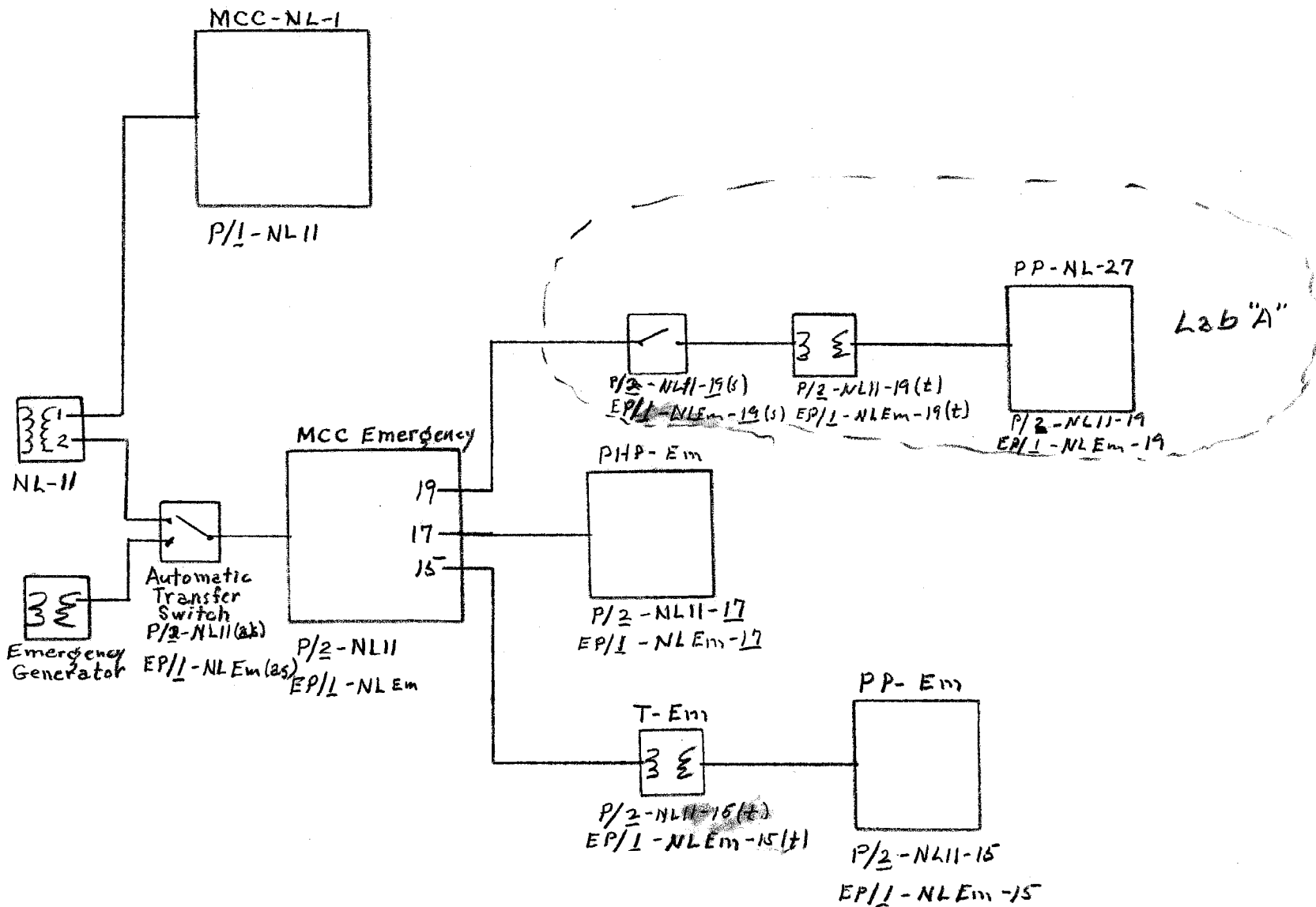
NAME

T. E. Toohig

DATE

9/25/73

REVISION DATE





# ENGINEERING NOTE

15

TM-444

2

SUBJECT

POWER DISTRIBUTION

Substation NL-12: Lab "A", Lab "C"

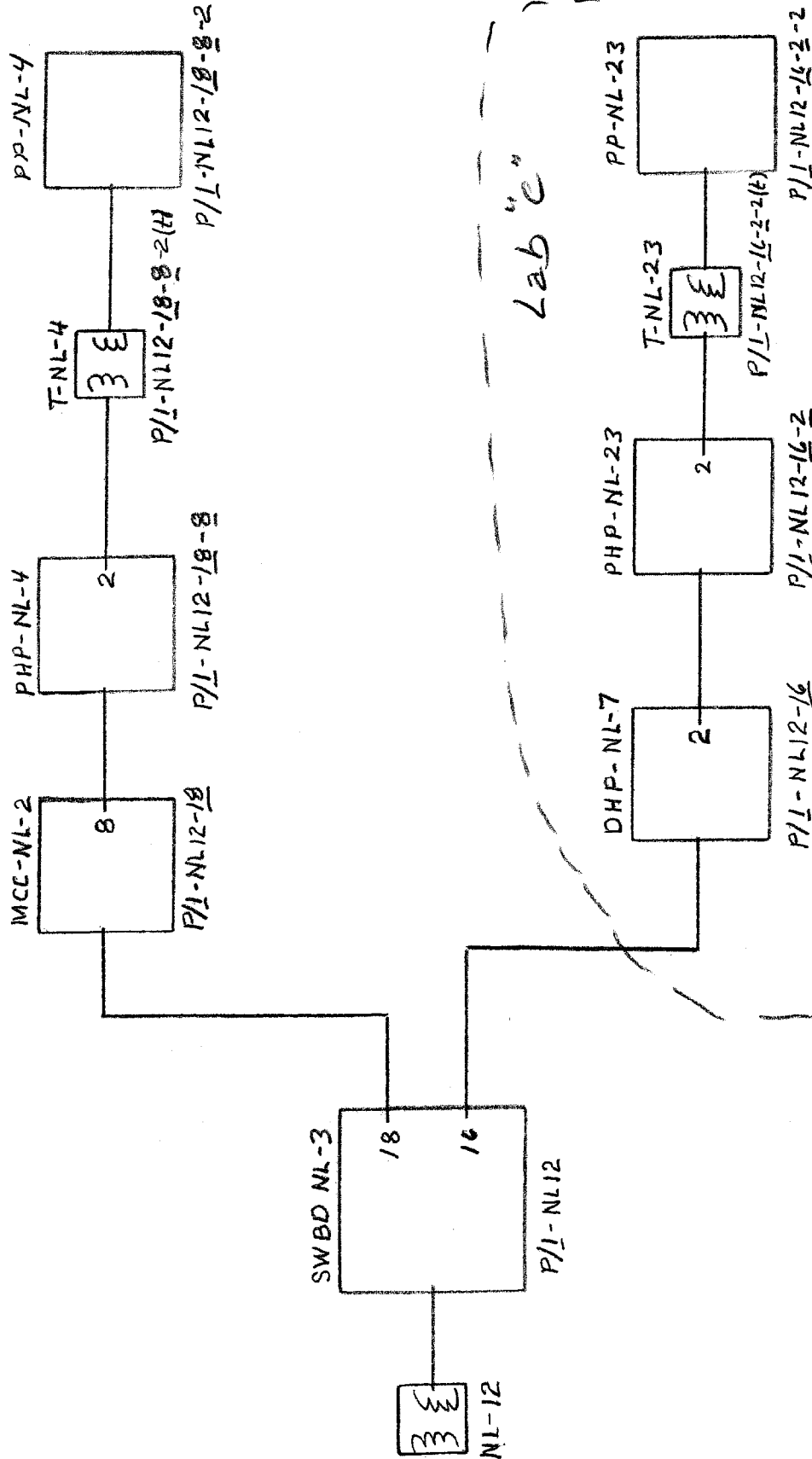
NAME

T. E. Toohig

DATE

9/25/73

REVISION DATE





# ENGINEERING NOTE

16

TM-444

SUBJECT

POWER DISTRIBUTION  
SUBSTATION NL-13: Lab "D"

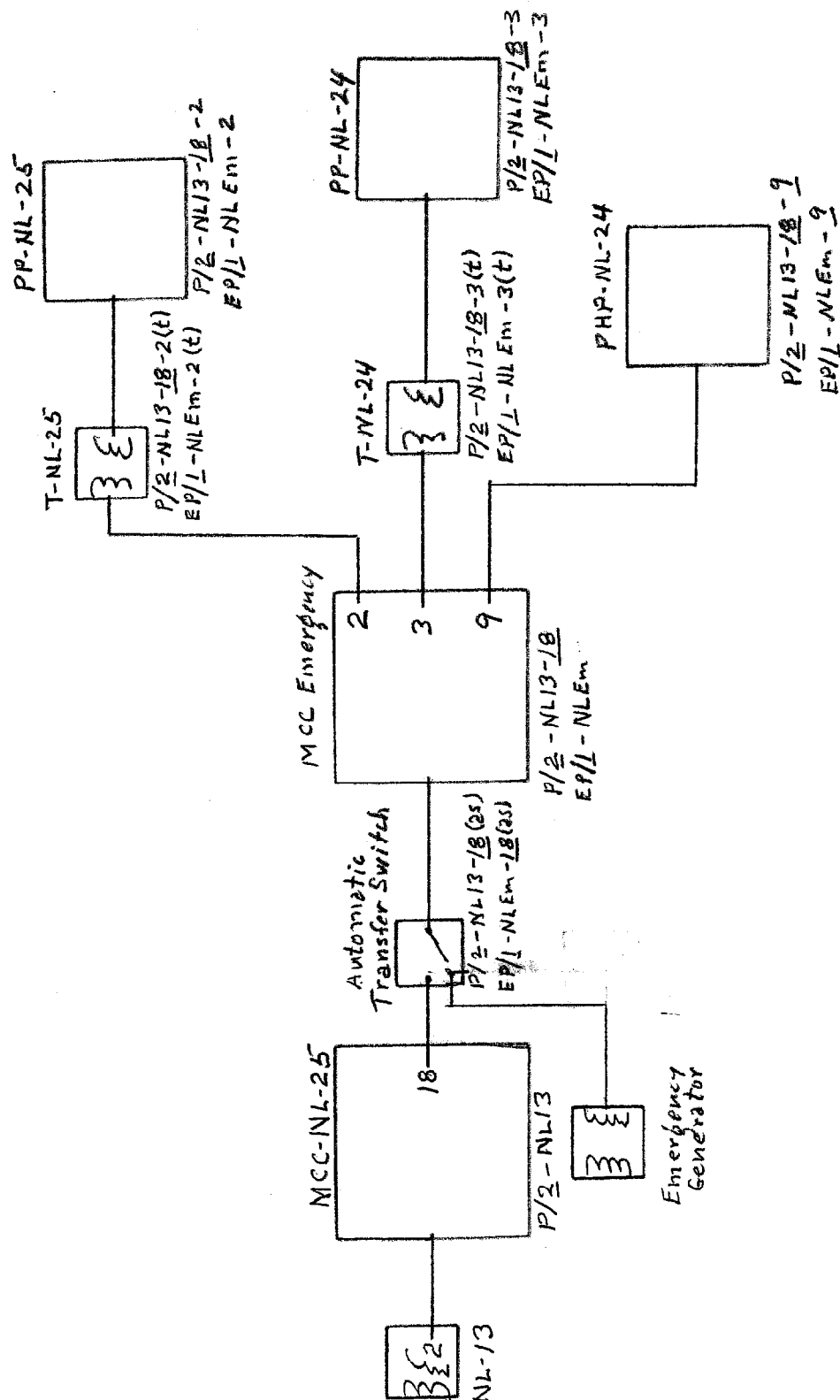
NAME

T.E. TOOHIG

DATE

9/26/73

REVISION DATE







## ENGINEERING NOTE

22

SUBJECT

POWER DISTRIBUTION

SUBSTATION NL-14: 30-inch Bubble Chamber Mag.

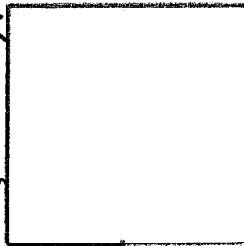
NAME

T.E. Tookig

DATE

9/26/73

REVISION DATE

30-inch bubble chamber  
magnet supply

P/I-NL14

NL-14  
30



# ENGINEERING NOTE

18

TM-444

SUBJECT

POWER DISTRIBUTION

NAME

T. E. Toohig

DATE

9/24/73

REVISION DATE

SUBSTATION P-1: (Service Bldg. P-1) &amp; Targ. S.B.

